

Rabbit Synuclein-pan Polyclonal Antibody | anti-SNCA antibody

Synuclein-pan Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301705	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

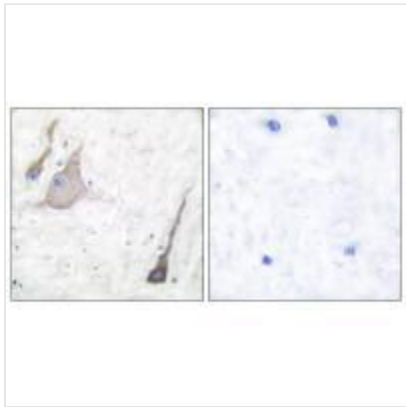
PRODUCT SYNONYMS

Synuclein-pan; Polyclonal Antibody; Synuclein-pan Antibody; NACP; Non-A beta component of AD amyloid; Non-A4 component of amyloid precursor; SYN; SYUA; anti-SNCA antibody

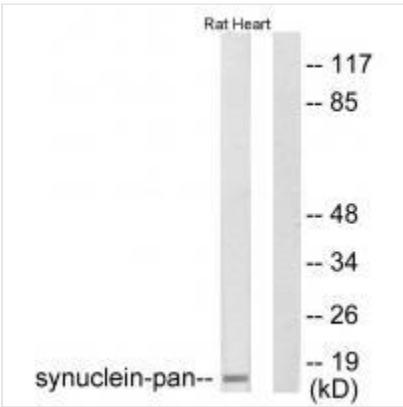
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Synuclein protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	140
Applicable Applications for anti-SNCA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human synuclein.
Target Name	Synuclein-pan
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human brain tissue using Synuclein-pan antibody.



WB (Western Blot)
Western blot analysis of extracts from rat heart, using Synuclein-pan antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SNCA antibody	May be involved in the regulation of dopamine release and transport. Induces fibrillization of microtubule-associated protein tau. Reduces neuronal responsiveness to various apoptotic stimuli, leading to a decreased caspase-3 activation.Eirene Kontopoulos, Hum. Mol. Genet., Oct 2006; 15: 3012 - 3023. Heather Snyder, J. Biol. Chem., Mar 2005; 280: 7562 - 7569. Wanli W. Smith, J. Neurosci., Jun 2005; 25: 5544 - 5552. Yuxin Fan, Hum. Mol. Genet., Oct 2006; 15: 3002 - 3011.
Product Categories/Family for anti-SNCA antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507109
NCBI GeneID	6622
NCBI Accession #	NP_000336.1
NCBI GenBank Nucleotide #	NM_000345.3
UniProt Accession #	P37840; Q13701; Q4JHI3; Q6IAU6; A8K2A4
Molecular Weight	13,109 Da
NCBI Official Full Name	alpha-synuclein isoform NACP140
NCBI Official Synonym Full Names	synuclein, alpha (non A4 component of amyloid precursor)
NCBI Official Symbol	SNCA
NCBI Official Synonym Symbols	PD1; NACP; PARK1; PARK4
NCBI Protein Information	alpha-synuclein
UniProt Protein Name	Alpha-synuclein
UniProt Gene Name	SNCA
UniProt Synonym Gene Names	NACP; PARK1; NACP
UniProt Entry Name	SYUA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

